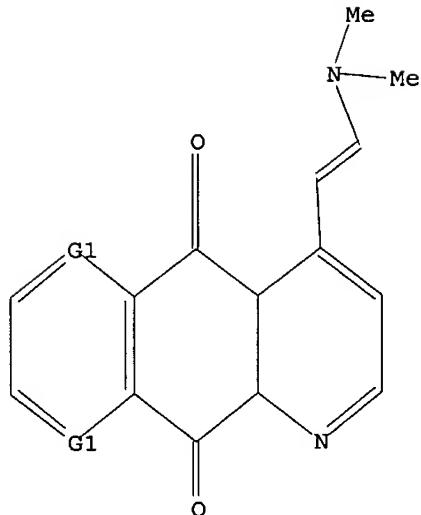


L1 HAS NO ANSWERS
L1 STR



G1 C,N

Structure attributes must be viewed using STN Express query preparation.

```
=> s 11
SAMPLE SEARCH INITIATED 15:49:12 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 0 TO 0
PROJECTED ANSWERS: 0 TO 0
```

L2 0 SEA SSS SAM L1

```
=> s 11 sss full
FULL SEARCH INITIATED 15:49:21 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 9 TO ITERATE
```

```
100.0% PROCESSED 9 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01
```

L3 2 SEA SSS FUL L1

```
=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
                           ENTRY SESSION
FULL ESTIMATED COST      148.15  148.36
```

FILE 'CAPLUS' ENTERED AT 15:49:28 ON 09 MAY 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

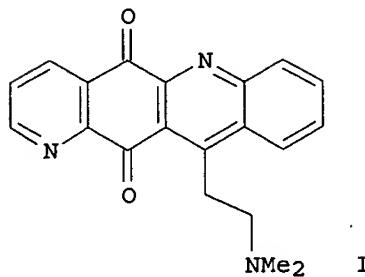
FILE COVERS 1907 - 9 May 2003 VOL 138 ISS 20
 FILE LAST UPDATED: 8 May 2003 (20030508/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s l3
L4          2 L3

=> d ibib abs hitstr tot

L4  ANSWER 1 OF 2  CAPLUS  COPYRIGHT 2003 ACS
ACCESSION NUMBER:  2000:97447  CAPLUS
DOCUMENT NUMBER:  132:265338
TITLE:  Structural studies of cytotoxic marine alkaloids:
synthesis of novel ring-E analogues of ascididemin and
their in vitro and in vivo biological evaluation
AUTHOR(S):  Lindsay, Brent S.; Christiansen, Holly C.; Copp, Brent
R.
CORPORATE SOURCE:  Department of Chemistry, University of Auckland,
Auckland, N. Z.
SOURCE:  Tetrahedron (2000), 56(3), 497-505
CODEN: TETRAB; ISSN: 0040-4020
PUBLISHER:  Elsevier Science Ltd.
DOCUMENT TYPE:  Journal
LANGUAGE:  English
OTHER SOURCE(S):  CASREACT 132:265338
GI
```



AB The cytotoxic marine alkaloid ascididemin and various pyridine ring-E

analogs have been synthesized in an attempt to det. the pharmaceutical utility and structure-activity requirements for the parent alkaloid. All compds. synthesized were evaluated in a wide range of biol. screens for selective cytotoxicity, antiviral, antifungal and antimicrobial properties. Many analogs exhibited selective cytotoxicity to human solid tumor cell-lines in vitro, with I also exhibiting moderate antitumor activity in in vivo xenograft assays.

IT 263359-19-9P, NSC 686556

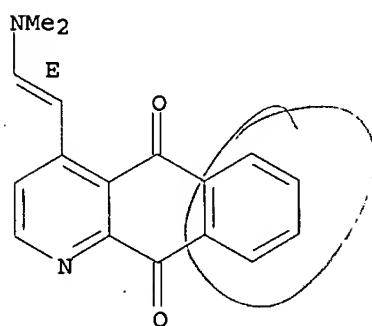
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

(structural studies of cytotoxic marine alkaloids: synthesis of novel ring-E analogs of ascididemin and in vitro and in vivo biol. evaluation)

RN 263359-19-9 CAPLUS

CN Benzo[g]quinoline-5,10-dione, 4-[(1E)-2-(dimethylamino)ethenyl]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



REFERENCE COUNT: 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1992:634318 CAPLUS

DOCUMENT NUMBER: 117:234318

TITLE: Total synthesis of eupomatidines-1, 2, and 3

AUTHOR(S): Kitahara, Yoshiyasu; Kubo, Akinori

CORPORATE SOURCE: Meiji Coll. Pharm., Tokyo, 154, Japan

SOURCE: Heterocycles (1992), 34(6), 1089-92

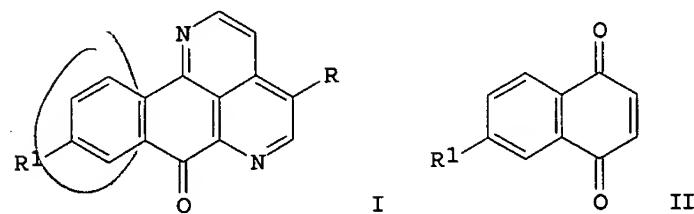
CODEN: HTCYAM; ISSN: 0385-5414

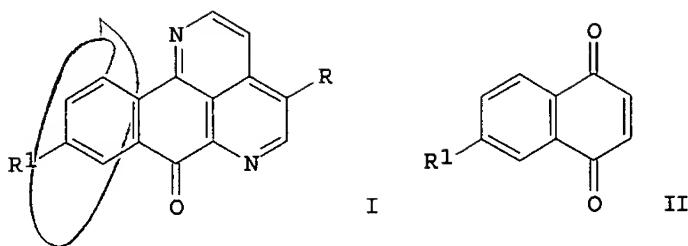
DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 117:234318

GI





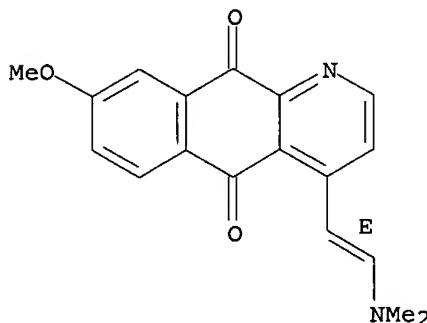
AB Three arom. alkaloids, eupomatidines-1 (I, R = H, R1 = MeO), 2 (I, R = MeO, R1 = H) and 3 (I, R = R1 = MeO), were synthesized from the corresponding 1,4-naphthoquinones II by hetero Diels-Alder reaction with 2-butenal dimethylhydrazone followed by one pot annulation of ring A.

IT 143704-00-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(prepn. and intramol. cyclization of)

RN 143704-00-1 CAPLUS

CN Benzo[g]quinoline-5,10-dione, 4-[2-(dimethylamino)ethenyl]-8-methoxy-, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



=> log y
COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE TOTAL
ENTRY SESSION

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL
ENTRY SESSION
CA SUBSCRIBER PRICE -1.30 -1.30

STN INTERNATIONAL LOGOFF AT 15:49:50 ON 09 MAY 2003